

Introduction to Algebra: Understanding the Basics

1. Chapter 1: The Language of Algebra

- Introduction to algebraic terms and symbols
- The concept of variables and constants
- Basic operations: addition, subtraction, multiplication, and division

2. Chapter 2: Simple Equations and Their Solutions

- Understanding equations and their components
- Solving one-step equations
- Introduction to the balance method

3. Chapter 3: Working with Negative Numbers

- The number line and negative numbers
- Addition, subtraction, multiplication, and division of negatives
- Practical applications of negative numbers

4. Chapter 4: The World of Fractions and Decimals

- Converting between fractions and decimals
- Operations with fractions and decimals
- Real-world applications